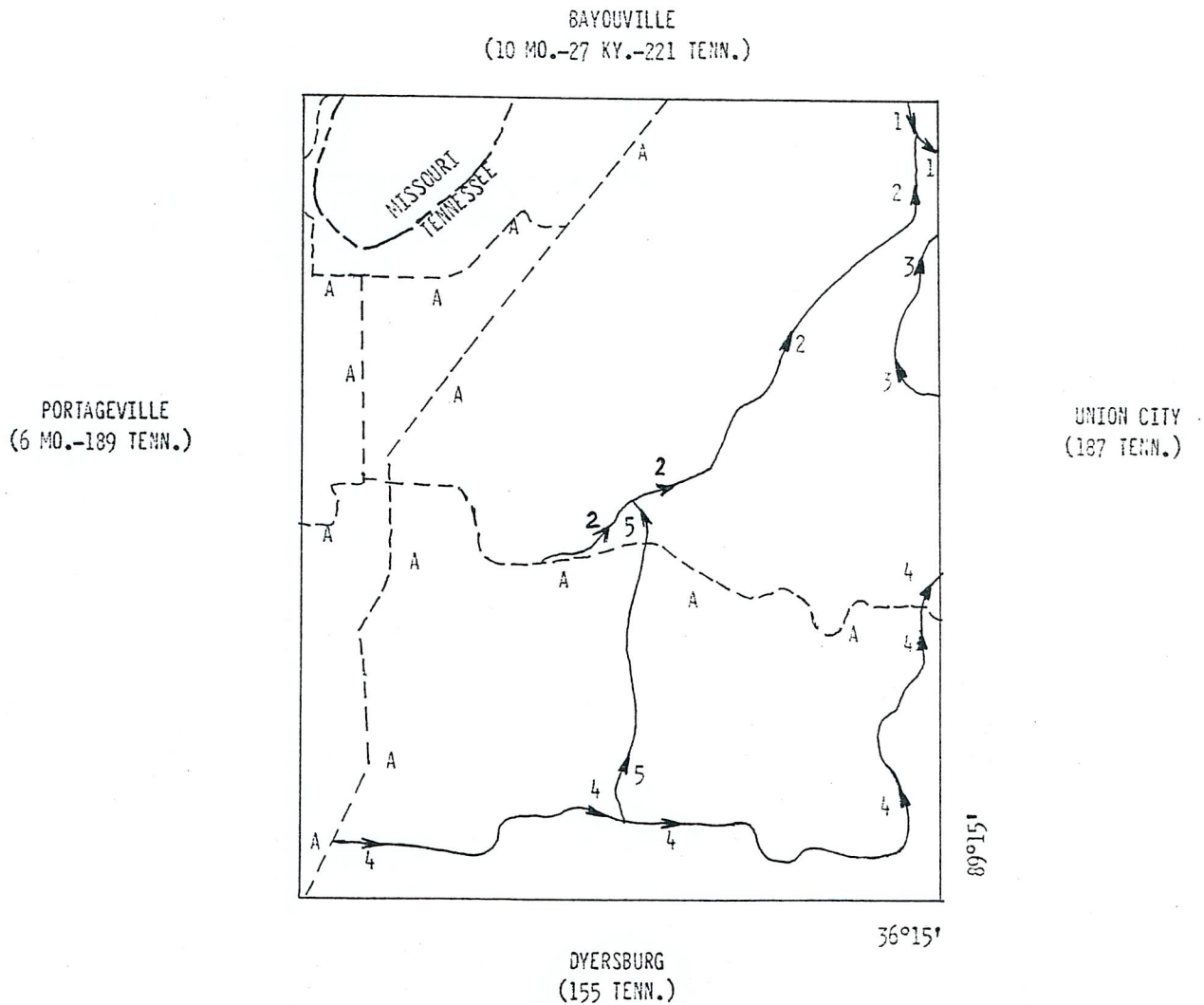


36-089-24
REELFOOT LAKE QUADRANGLE
188 TENN.-5 MO.-1 KY.
N3615-W8915/15
DIAGRAM NJ 16-10
DYERSBURG

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PR: DSW/rmc



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle No. 360892

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>TENN. DIV. OF GEOLOGY</u>	<u>PAGE NO.</u>
PTS NO 26 1910 TENN	8	66-20-13	7
PTS NO 2 W 1921 TENN	4	66-21-4	8
PTS NO 3 W 1921 TENN	4		
PTS NO 4 W 1921 TENN	3	<u>TVA</u>	
PTS NO 5 W 1921 TENN	3		
PTS NO 6 W 1921 TENN	3	66 26 36	4,5
PTS NO 7 W 1921 TENN	3		
PTS NO 8 W 1921 TENN	3	<u>USED</u>	
PTS NO 9 W 1921 TENN	3		
PTS NO 10 W 1921 TENN	3	A 37.1-27	4
PTS NO 11 W 1921 TENN	3		
PTS NO 12 W 1921 TENN	3	<u>WPA</u>	
PTS NO 13 W 1921 TENN	3		
PTS NO 15 W 1921 TENN	3	66-21-31	7
PTS NO 16 W 1921 TENN	4		
TT 1 CWH 1951	6	<u>NGS</u>	
1 KEE 1963	4		
2 KEE 1963	5	GRATIO 1929 1959	7
3 KEE 1963	5	GRATIO NO 3 1929 1959	7
4 KEE 1963	5	GRATIO NO 4 1929 1959	7
7 KEE 1963	6	E 13 1935	4
8 KEE 1963	7	ELBRIDGE 1959	7
9 KEE 1963	7	HORNBEAK 1959	8
10 KEE 1963	8		
11 KEE 1963	9		
12 KEE 1963	9		

MISS. RIVER COMM.

21/1 3

ISOLATED BENCH MARKS (By O. B. Walsh, 1921; Books C 5365-66, C 5368-69)

Feet

Tiptonville, 0.25 mi N. of; on E. bank of Mississippi River; in field; 0.2 mi E. of river bank; 118 ft E. of new rock road, on land of Harry Tipton; in stone post; Mississippi River Commission disk "21/1" (Post is slightly leaning; top is 15 in. above ground)	291.157
Owl City, 18 ft N. and 25 ft E. of I-rd. N.; 12 ft S. of Reelfoot Lake State Park sign in E. side of road ditch; 3 ft NE. of corner fence post; on iron post; standard cap stamped "PRIM TRAV STA NO 4 W 1921 TENN"	297.512
Owl City, 3.2 mi E. of; 1.0 mi E. of Williams Ferry; 50 ft N. and 20 ft E. of I-rd. leading up bluff locally known as Webbs Stone Hill; on iron post; standard cap stamped "PRIM TRAV STA NO 10 W 1921 TENN"	320.263
Samburg, 0.6 mi NE. of, along Union City Road; near top of bluff; in yard of Chigger Ridge School; 132 ft SE. of pump; 177 ft from NE. corner of school; on iron post; standard cap stamped "PRIM TRAV STA NO 11 W 1921 TENN"	453.215
Samburg, 4.5 mi E. of; 0.75 mi E. of store of Sam Shaw; 300 ft E. of residence of J. S. Wiley; 15 ft S. of I-rd. N.; on iron post; standard cap stamped "PRIM TRAV STA NO 12 W 1921 TENN" (Reported destroyed, 1963)	462.865
Hickman, Kentucky; 12.0 mi S. of; 60 ft N. of iron bridge over South Reelfoot Creek; 20 ft N. of I-rd. S.; 2 ft S. of S. fence on farm of Henry Howar; on iron post; standard cap stamped "PRIM STA NO 13 W 1921 TENN" (Reported destroyed, 1963)	311.786
Protemus, 1.0 mi S. of; 800 ft E. of Liberty Church; 18 ft W. and 15 ft S. of I-rd. N.; on iron post; standard cap stamped "PRIM TRAV STA NO 15 W 1921 TENN" (Reported destroyed, 1963)	344.249
Elbridge, 1.0 mi NE. of; 60 ft E. of Clover Creek Bridge; 40 ft E. and 20 ft N. of I-rd. N.; inside of wire fence; on iron post; standard cap stamped "PRIM TRAV STA NO 9 W 1921 TENN" (Not found, 1963)	318.759
Minnick, 0.25 mi E. of; 15 ft N. and 15 ft W. of I-rd. S.; at cemetery; on iron post; standard cap stamped "PRIM TRAV STA NO 8 W 1921 TENN" (Reported destroyed, 1963)	461.689
Ridgely, 3.0 mi E. of; about 0.5 mi W. of Stones Ferry; 40 ft S. of road forks; on iron post; standard cap stamped "PRIM TRAV STA NO 7 W 1921 TENN" (Not found, 1963)	287.645
Ridgely, 0.5 mi N. of; 150 ft E. of RR.; 75 ft E. of church; inside wire fence on land owned by Mrs. Mary Harris; on concrete post; standard tablet stamped "PRIM TRAV STA NO 6 W 1921 TENN" (Not found, 1963)	279.106
Wynnborg, 1.3 mi S. of, between wagon road and RR.; 2 ft E. of first telephone pole N. of milepost 26; on iron post; standard cap stamped "PRIM TRAV STA NO 5 W 1921 TENN"	284.462
Hornbeak, 4 in. S. of SE. cor. of residence of George Kendall; in concrete post; standard tablet stamping unknown	480.309

ISOLATED BENCH MARKS (Cont'd)Feet

Hornbeak, 3.57 mi W. of; 70 ft E. of E. end of steel bridge over Paw Paw Creek; in SW. angle of rd. forks; in front of house; in concrete post; standard tablet stamping unknown (Not found, 1963)	342.626
Phillippy, 0.96 mi W. of, along Hickman-Tiptonville Road; 35 ft N. and 30 ft E. of I-rd. E.; on iron post; standard cap stamped "PRIM TRAV STA NO 16 W 1921 TENN" (Not found, 1963)	291.370
Phillippy, 6.13 mi SW. of; on N. side of rd.; in front of house; 200 ft E. of store; on iron post; Mississippi River Commission bench mark (stamping unknown) (Not found, 1963)	322.137
Coranaville, 0.5 mi N. of; 300 ft E. of Hopsons Store; 20 ft E. and 20 ft E. of I-rd. S.; on iron post; standard cap stamped "PRIM TRAV STA NO 2 W 1921 TENN" (Not found, 1963)	305.33
Tiptonville, about 3.0 mi N. of; 20 ft W. and 12 ft N. of I-rd. S.; 5 ft W. of telephone pole; 82 ft NW. of square post in front of house; on iron post; standard cap stamped "PRIM TRAV STA NO 3 W 1921 TENN" (Not found, 1963)	304.046

LINE 1.

By E. P. Johnson, 1958; Book AV 626

Clayton, 3.8 mi NW. of; on Hickman graveled rd. W. of Pinion house; 0.3 mi W. of Pinion house on W. side of rd.; on curve S. of residence of Dr. Rogers; in W. corner of yard of Dr. Rogers on Hickman Lake Road; in concrete post; Tennessee Valley Authorities standard disk stamped "66 26 36"	489.351
U.E., on top of W. end of concrete culvert; chiseled square	476.034

LINE 2.

By A. J. Keepes, 1963; Book CV 1530

0.0 "E 13 1935" (NGS)	289.681
1.0 U.E., E 13 A., 1.0 mi NE. of disk; 410 ft NNE. of junction of Hwys. 21 and 22; 17 ft E. and 0.8 ft lower than center of Hwy. 22; at NE. corner of E. abutment of a concrete bridge; chiseled square	289.854
2.2 U.E., E 13 B, 1.1 mi NE.; 1.2 mi E. of disk; 290 ft S.; 13 ft E. and 4.3 ft higher than I-rd. S.; at offset crossroads; 1.5 ft S. of N. end of E. abutment; chiseled square	311.256
2.2 Samburg, 1.9 mi S. of, at Lassiter corner; 480 ft N.; 47 ft E.; 93.3 ft higher than Hwy. 21 at offset I-rd. N.; 9 ft S. of 6 in. sycamore tree; on 4 in. iron pipe projecting 1 ft above ground; USED standard cap stamped "A 37.1-27" (Elev. by USGS)	311.184
3.2 U.E. E 13 C, 2.0 mi N., 1.2 mi E. of tablet; 10 ft W. and 0.8 ft higher than center of bridge; in center of W. concrete railing of small bridge; chiseled square	310.571
4.0 Samburg, at E. edge of; 17 ft N. and 57 ft E. of, and 0.6 ft higher than crossroads; in center of NE. headwall of concrete box culvert; standard tablet stamped "1 KEE 1963"	293.102

LINE 2 (Cont'd)Feet

4.0	Reference mark; 37 ft S.; 17 ft W. of tablet; on center of NE. headwall; chiseled square	293.377
4.7	U.E., 1 KEE A, 0.6 mi NE. along Hwy. 22 from tablet; at NE. corner of concrete bridge over S. fork of Reelfoot Creek; 15 ft E. and 0.7 ft higher than center of hwy.; N. end of E. concrete railing; chiseled square	304.771
5.5	U.E., 1 KEE B, 1.5 mi NE. along State Hwy. 22 from tablet; 17 ft SW. of; (normal to rd.) and 0.6 ft higher than center of rd.; on center of SW. head of concrete box culvert; chiseled square	313.180
6.4	Reference mark; 23 ft S. of; 33 ft E. of tablet; on S. end of E. abutment; chiseled square	311.537
6.4	Samburg, 2.4 mi NE. of, along State Hwy. 22; at concrete bridge with 3 ft high abutment; in N. end of W. abutment; standard tablet stamped "2 KEE 1963"	311.675
7.5	U.E., 2 KEE A, 1.0 mi N. of tablet; 65 ft SW. of drive leading NE.; 26 ft E. and 3.9 ft lower than hwy.; on SW. end of E. headwall of concrete box culvert; chiseled square	314.825
8.6	U.E., 2 KEE B, 2.1 mi NE. along State Hwy. 22 from tablet; 152 ft W. of rd. leading E.; 17 ft NW. and 2.0 ft lower than center of hwy.; in center of NW. headwall of large concrete box culvert; chiseled square	310.313
9.5	Samburg, 5.5 mi NE. of, along State Hwy. 22 ; 0.1 mi S. of junction of Hwys. 22 and 157; at concrete bridge over Reelfoot Creek; 17 ft NE. and 0.7 ft higher than NE. end of bridge; in NE. cor. of NE. wingwall; standard tablet stamped "3 KEE 1963"	308.559
9.5	Reference mark; 443 ft SW. of tablet; on NW. end of W. wingwall; chiseled square	308.514
11.8	U.E., 3 KEE B, 2.3 ft NE. along Hwy. 157 from tablet; 36 ft NE. and 25 ft E. of, and 1.2 ft lower than I-rd. W. to Walnut Log; on E. end of 24 in. metal culvert; punched hole	295.772
12.7	Samburg, 5.5 mi NE. of, along State Hwy. 22 to junction of Hwy. 157; 3.2 mi NE. along hwy. 157; 0.9 mi NE. along Hwy. 157 from rd. to Walnut Log; 260 ft S. and across hwy. from one-story house with red siding; 31 ft SE. and 0.9 ft lower than center of hwy.; in center of concrete headwall surrounding 14 in. concrete culvert; standard tablet stamped "4 KEE 1963"	331.956
13.6	U.E. 4 KEE A, 0.2 mi NE., thence 0.7 mi NE. on graveled rd. from tablet; 230 ft NE. (normal) to rd. 33 ft SE. and 5.5 ft higher than rd. leading SE.; in N. root of a 24 in. oak tree; head of a RR. spike projecting 0.2 ft	508.723
14.7	U.E. 4 KEE B, 0.2 mi NE. along Hwy., thence 2.0 mi NE. along graveled rd. from tablet; 16 ft SW. and 20 ft NE. of, and 1.5 ft higher than rd. at fence E.; in top of 10 in. tree stump; head of RR. spike	497.707
15.4	"66 26 36" (Described in line 1)	489.351

1963

LINE 3.

Feet

By A. J. Keepes, 1963; Book CV 1530

- 2.1 U.E. L 13 B, 1.0 mi W., thence 1.0 mi N., along graveled rd. from disk; at concrete bridge over Little Richland Creek; 13 ft E. and 0.3 ft lower than center of bridge; on E. end of NE. wingwall; chiseled square 382.137
- 9.1 U.E. 6 KEE A, 1.2 mi NW. along winding graveled rd. from tablet; at steel and concrete bridge over Reelfoot Creek; at NE. corner of bridge; 8 ft N. and 0.7 ft lower than center of bridge; 0.5 ft N. of E. end of N. steel girder; on concrete wingwall; chiseled square 327.915
- 10.2 U.E. 6 KEE B, 2.2 mi NW. along winding graveled rd. from tablet; 51 ft N. and 0.7 ft lower than rd. at gate W. to barnyard at abandoned farm site; at W. brace of telephone pole; head of RR. spike 439.891
- 10.9 U.E. 6 KEE C, 3.0 mi N. along winding graveled rd. from tablet; about 700 ft N. of house with gray siding; near middle of curve; 18 ft E. and 1.0 ft lower than center of rd.; in W. base of 36 in. maple tree; head of RR. spike 409.179
- 11.7 Mt. Zion, 4.7 mi N. of, thence 2.0 mi E.; 2.8 mi S. and 2.0 mi W. of Clayton; 0.25 mi SW. of steel bridge over Reelfoot Creek; at N. top of small patch of timber; 4 ft N. of 24 in. white oak tree; 4 ft E. of fence; in concrete post; standard tablet stamped "7 KEE 1963" (Not found-probably destroyed, 1964) 310.374
- 11.7 Reference mark; 416 ft SW. of tablet; 10 ft E. of tablet; (normal to rd.); on E. end of 14 in. concrete culvert; chiseled square 311.373
- 12.6 U.E. 7 KEE A, 0.9 mi N. of tablet; 18 ft W. of rd. junction at NE. end of 14 in. concrete culvert; 19 ft W. of corner gate post; chiseled square 307.913

LINE 4.

By A. J. Keepes, 1963; Book CV 1530

- 0.7 U.E. A 37 A, 0.7 mi E. of disk; at junction of Hwy. 78 and rd. W. to Ridgely; 16 ft N. and 79 ft W. and 1.5 ft lower than intersection; 0.5 ft W. of last white post surrounding a yard; on concrete curbing; chiseled square 291.465
- 1.7 U.E. A 37 B, 1.75 mi E. of disk; 18 ft S., 166 ft E. and 0.9 ft lower than T-rd. S.; at E. end and on 14 in. metal culvert at farm drive S.; a punched hole 286.235
- 2.3 Gratio, 1.5 mi W. of along Ridgely Road; 1.5 mi E. of Ridgely from State Hwy. 78, on lawn of house owned by Mrs. Jesse Riley and rented by Dick Bass; 36 ft S. and 36 ft E. of intersection of crossroads; 46 ft NW. of NE. corner of porch; 20 ft NE. of 9 in. white mulberry tree; 19 ft ESE. of 8 in. maple tree; 4 ft N. of rose bush, in concrete post flush with ground; standard tablet stamped "TT 1 CWH 1951" 283.427

LINE 4 (Cont'd)Feet

- 2.2 Ridgely, 2.3 mi E. of; 25 ft S. and 173 ft E. and 0.8 ft lower than crossroads; 1 ft S.; 1 ft E. of telephone pole; in concrete post; standard tablet stamped "8 KEE 1963" 283.391
- 3.5 U.E. 8 KEE A, 1.2 mi E. of tablet; at steel girder bridge over Reelfoot Bayou; 18 ft N. and 2.8 ft lower than SE. end of bridge; on top of pole pillar with water gage on it; top of an "X" formed by two twenty-penny spikes 281.077
- 4.5 U.E. 8 KEE B, 0.9 mi N. of, 1.4 mi E. of tablet; 21 ft N., and 13 ft W. and 1.5 ft lower than I-rd. leading S.; 2 ft S. of N. end of 36 in. concrete culvert; chiseled square 294.628
- 4.8 Ridgely, 4.0 mi E. of; 1.0 mi NE. of village of Gratio; 20 ft N. of center of graveled rd.; 2 ft SW. of witness post; in concrete post projecting 3 in.; NGS standard reference mark disk stamped "GRATIO NO 4 1929 1959" 456.475
- 4.8 Ridgely, 4.0 mi E. of; 97 ft E. of center of graveled rd.; 25 ft N. of another graveled rd.; in concrete post projecting 3 in.; NGS standard reference mark disk stamped "GRATIO NO 3 1929 1959" 456.322
- 5.0 Azimuth Mark, 0.2 mi NE. of station; 18 ft SE. of center of graveled rd.; at W. end of group of trees; 2 ft SW. of witness post; in concrete post projecting 4 in.; NGS standard azimuth mark station disk stamped "GRATIO 1929 1959" 462.547
- 6.2 U.E. AZ A, 1.2 mi E. along winding graveled rd. from tablet; 46 ft S. and 98 ft W. and 0.2 ft lower than I-rd. N.; at E. base of power pole; head of RR. spike 445.038
- 7.2 U.E. AZ B, 2.1 mi E. along winding graveled rd. from tablet; near an abandoned barn (opposite side of rd.) and underground cable crossing; 35 ft W. of center of rd.; in S. base of power pole; head of RR. spike 434.127
- 7.8 Ridgely, 1.2 mi N., 6.0 mi E. of; 0.7 mi W. along graveled rd. from Minnick; 19 ft S. and 45 ft W. and 4.7 ft higher than private drive N.; 11 ft W. of center of field drive; 3 ft S. of fence; in concrete post; standard tablet stamped "9 KEE 1963" (Reported destroyed, 1964) 445.664
- 7.8 Reference mark; 142 ft E. of tablet; at N. base of power pole; head of RR. spike 443.513
- 8.8 U.E. 9 KEE A, 1.0 mi E. of, along graveled rd. from tablet; 32 ft S. of and 31 ft W. of, and 2.9 ft higher than I-rd. S.; at N. base of telephone pole; head of RR. spike 456.926
- 10.2 Elbridge, 1.0 mi NW. of; 48 ft N. of center of graveled rd.; 8 ft NW. of walnut tree; 4 ft N. of witness post; in concrete post projecting 10 in.; Tennessee Division of Geology disk stamped "66-20-13" (Elev. by USGS) 436.471
- 10.9 Azimuth Mark; 0.3 mi NW. along rd. from post office at Elbridge; 42 ft S. of center of driveway; 36 ft W. of W. side of barn; 23 ft E. of rd.; 1 ft W. of fence; 1 ft N. of witness post; in concrete post; NGS standard azimuth mark disk stamped "ELBRIDGE 1959" 413.315
- 11.3 Elbridge, 100 ft W. of SW. corner of New Chapel M.E. Church; 26 ft SW. (normal to rd.) and 3.9 ft higher than center of asphalt; in SE. corner of cemetery; in concrete post projecting 0.5 ft WPA disk stamped "66-22-31" (Elev. by USGS) 425.779

LINE 4 (Cont'd)Feet

- 12.4 U.E. 22-31 A, 1.2 mi E. along rd. from disk; at bridge over Clover Creek; 10 ft N., and 73 ft W. and 1.2 ft higher than T-rd. N.; 1 ft W. of E. end of N. railing; the of 0.25 in. bolt 321.732
- 13.6 U.E. 22-31 B, 2.3 mi E. of disk; at hwy. bridge over branch of Clover Creek; near farmhouse; 13 ft N. and 0.8 ft lower than hwy.; on N. end of W. headwall and SE. end of NW. wingwall; chiseled square 322.180
- 14.3 Elbridge, 3.0 mi E. of, 1.3 mi W. of Glass; 257 ft N., and 11.5 ft E. and 1.3 ft higher than private drive N., 1 ft E. of fence; in concrete post projecting 0.5 ft; Tennessee Division of Geology disk stamped "66-21-4" (Elev. by USGS) 388.178
- 14.3 Reference mark; 95 ft S. and 6 ft W. of disk; on E. end of 14 in. concrete culvert; chiseled square 384.899
- 15.4 U.E. 21-4 A, 0.4 mi E. and 0.7 mi N. of disk; at bridge over Burnt Creek; 11 ft E. and 0.6 ft higher than S. end of bridge; on S. end of E. abutment; chiseled square 343.978
- 17.5 Glass, 2.3 mi N. and 1.0 mi W. of; 2.0 mi S. and 1.7 mi E. of Hornbeak; 22 ft S. and 23 ft W. and 2.5 ft higher than T-rd. E.; 2 ft W. of fence; in concrete post; standard tablet stamped "10 KEE 1963" 455.050
- 17.8 Azimuth mark; 1.7 mi S. and 1.7 mi E. of Hornbeak; 26 ft N. and 23 ft W. and 3.9 ft higher than asphalt at fence W.; 1.0 mi E. of fence; 1 ft N. of witness post; NGS standard azimuth mark disk stamped "HORNBEAK 1959" 465.051
- 18.6 U.E. H-Z A, 0.1 mi N. and 0.8 mi NE. along graveled rd. from disk; at first farmhouse site; 20 ft NW. and 12 ft SE. (normal to rd.) and 0.3 ft higher than drive NW.; on NE. end of 24 in. concrete culvert; chiseled square 379.800
- 19.3 U.E. H-Z B, 0.1 mi N., 1.6 mi NE. along graveled rd. from disk; at wooden bridge over Richland Creek; 9 ft E. and level with N. end of bridge; in top of pole pillar; head of RR. spike 360.310
- 20.2 Hornbeak, 2.7 mi E. of; at Obion Chapel M.E. Church, 84 ft S. of rd. at curve; 9 ft S. and 8 ft W. of NW. corner of new enclosed porch; 6 ft NW. of NW. corner of church building; in top of 4 ft pipe projecting 0.5 ft; standard tablet stamped "PRIM TRAV STA NO 26 1910 TENN" (Reported disturbed) 463.203

LINE 5.

By A. J. Keepes, 1963 Book CV 1530

- 0.0 "UE 8 KEE B" chiseled (Described in line 4) 294.628
- 1.3 U.E. 8 KEE C, 1.2 mi N., and 1.4 mi E. of tablet; at bridge over Rock Bridge of Reelfoot Bayou; 13 ft E. and 0.7 ft higher than N. end of bridge on N. end of E. abutment; chiseled square 307.954

LINE 5 (Cont'd)Feet

- | | | |
|-----|---|---------|
| 2.2 | Ridgely, 4.0 mi E., 3.0 mi N. of; 4.8 mi S. along asphalt from Lassiter Corner; 82 ft S., 57 ft W. and 2.1 ft lower than rd. at drive W.; 43 ft S. of SE. corner of porch of an abandoned house; 10 ft E. of 14 in. tree; set in a concrete post; standard tablet stamped "11 KEE 1963" | 305.801 |
| 2.2 | Reference mark; 71 ft N. and 40 ft E. of tablet; at S. end of 14 in. metal culvert at driveway W.; punched hole | 305.930 |
| 3.4 | U.E. 11 KEE A, 1.2 mi N. of tablet; at NE. corner of concrete bridge over Paw Paw Creek; 54 ft S. and 14 ft E. and 1 ft higher than rd. leading E.; 3.0 ft S. of N. end of E. abutment; chiseled square | 299.868 |
| 4.2 | U.E. 11 KEE B, 0.8 mi N. of tablet; 15 ft W. and 0.2 ft lower than center of hwy.; in center of W. headwall of concrete box culvert; chiseled square | 314.745 |
| 4.5 | Lassiter Corner, 2.4 mi S. of; 69 ft S. of SE. corner of Webb Chapel Church of Christ; 143 ft ESE. and 3.4 ft higher than driveway; 19 ft S. and 12 ft S. of center of gate; in concrete post projecting 0.2 ft; standard tablet stamped "12 KEE 1963" | 320.778 |
| 5.6 | U.E. 12 KEE A, 1.0 mi N. of tablet; 55 ft S. and 21 ft E. and 1.6 ft lower than drive E.; on SE. end of 24 in. concrete culvert; chiseled square | 294.166 |
| 6.9 | "UE E 13 B" chiseled square (Described in line 2) | 311.256 |

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

36-089-24
REELFOOT LAKE QUADRANGLE
188 TENN.-5 MO.-1 KY.
N3615-W8915/15
DIAGRAM NJ 16-10
DYERSBURG

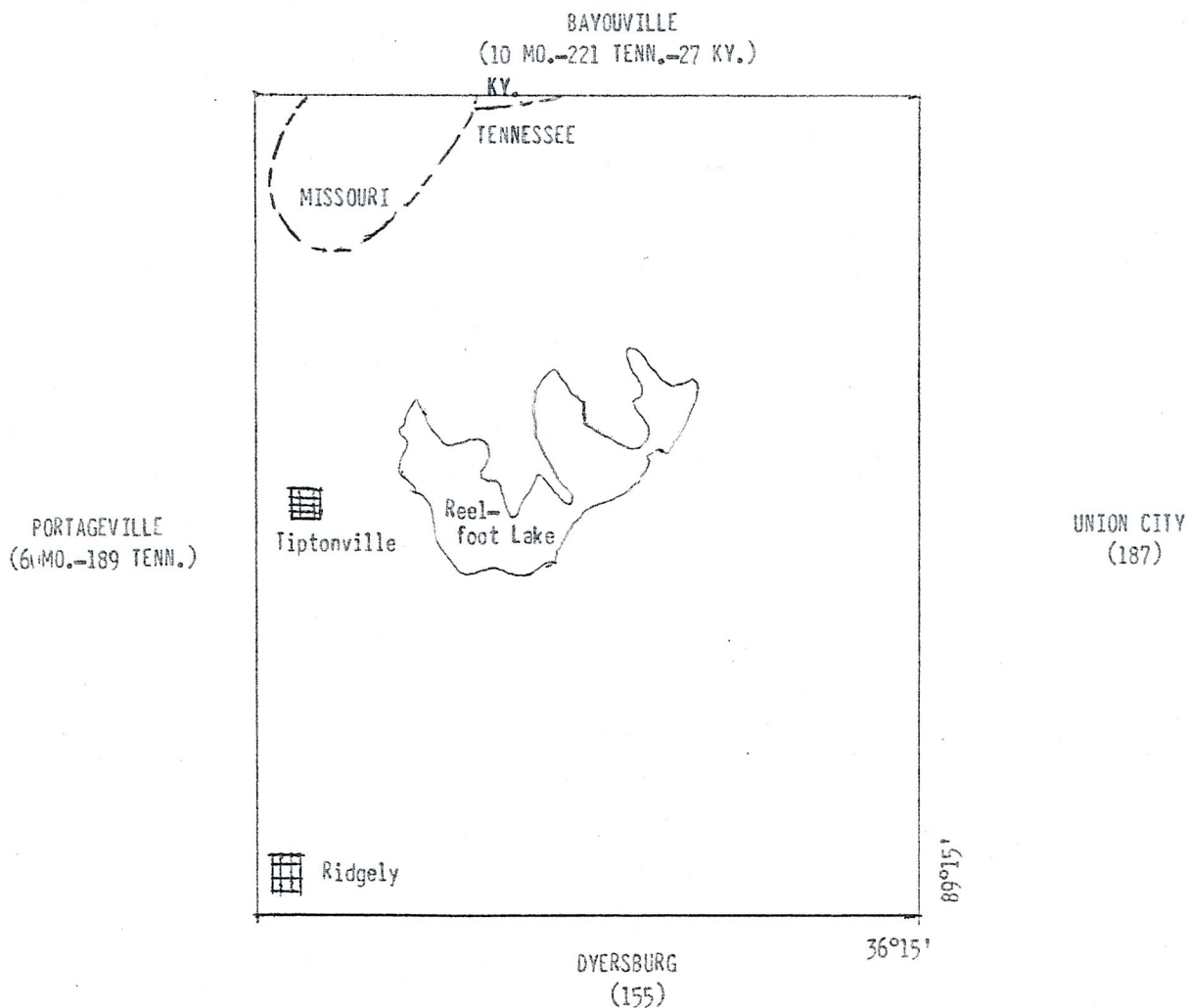
Lake and Obion Counties, Tenn.; New Madrid
County, MO.; Fulton County, Ky.

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

Edition of 5/13/77

PR: CRV/rmm

Plane coordinates are based on Lambert projection,
Tennessee Zone, and Kentucky, South Zone, and
transverse Mercator projection, Missouri, East Zone



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

188 TENN.-5 MO.-1 KY.
REELFOOT LAKE QUADRANGLE

36-089-24
N3615-W8915/15

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>LINE NO.</u>	<u>STATION NO.</u>
PTS NO 1 W 1921 TENN	5		
PTS NO 2 W 1921 TENN	3		
PTS NO 3 W 1921 TENN	3		
PTS NO 4 W 1921 TENN	3		
PTS NO 5 W 1921 TENN	3		
PTS NO 6 W 1921 TENN	3		
PTS NO 7 W 1921 TENN	4		
PTS NO 8 W 1921 TENN	4		
PTS NO 9 W 1921 TENN	4		
PTS NO 10 W 1921 TENN	3		
PTS NO 11 W 1921 TENN	4		
PTS NO 12 W 1921 TENN	4		
PTS NO 13 W 1921 TENN	4		
PTS NO 15 W 1921 TENN	4		
PTS NO 16 W 1921 TENN	5		
TT 1 CWH 1951	5		
TT 14 CWH 1951	6		
<u>MISSISSIPPI RIVER COMMISSION</u>			
NOT STAMPED	4		
21/1	3		
<u>WPA</u>			
66			
66-20-1	5		
66-20-3	5		
66-20-9	6		
66-20-13	6		
66-21-3	6		
66-21-4	6		
66-22-4	5		
66-22-31	6		
<u>USED</u>			
A 37-15-1	5		
A 37-16-3	7		
BM 4/5 1939	7	1	4A
S-7-2	6		
S-7-3	6		
<u>NGS</u>			
CATES 1959	7	1	1

188 TENN.-5 MO.-1 KY.
REELFOOT LAKE QUADRANGLE

36-089-24

3

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By O. B. Walsh, 1921; Books C5364-69, C5378-80

Cronanville, 0.5 mi N. of; 300 ft E. of Hopson Store; 20 ft E. and 20 ft S. of I-rd. S.; on iron post;
standard cap stamped "PRIM TRAV STA NO 2 W 1921 TENN" (Not found, 1963)

Tenn.) X = 977,250 Y = 764,957 36 26 36.74 89 28 39.50

Tiptonville, about 3.0 mi N. of; 82 ft NW. of square post in front of house; 20 ft W. and 12 ft N. of I-rd. S.; 5 ft
W. of telephone pole; on iron post; standard cap stamped "PRIM TRAV STA NO 3 W 1921 TENN" (Not found, 1963)

X = 977,443 Y = 751,821 36 24 26.99 89 28 31.43

Tiptonville, about 0.25 mi above upper part of; on left bank of Mississippi River; in field; about 118 ft E. of
center of new rock rd.; 167 ft S. of center of old rd. which leads E. past school and was former location of old
tramway to Keystone Mill on Reelfoot Lake; 295 ft SW. of former junction of rds. where line of telegraph poles
turns N. from W. which junction is 364 ft E. of center of new rock rd.; drain tile crosses new rd. at
junction of old and new rds.; on land of Harry Tipton; about 0.22 mi back of river bank; Mississippi River
Commission disk "21/1" (Disk slightly leaning; top is 15 in. above ground)

X = 977,278 Y = 743,313 36 23 02.85 89 28 29.75

Owl City, 18 ft N. and 25 ft E. of I-rd. N.; 12 ft S. of Reelfoot Lake State Park Sign, on E. side of rd. ditch;
on iron post slightly leaning; standard tablet stamped "PRIM TRAV STA NO 4 W 1921 TENN"

X = 990,169 Y = 724,732 36 20 03.72 89 25 44.24

Wynnborg; 1.4 mi S. along Illinois Central RR. from station; 270 ft N. of bridge 26.9; 21 ft W. of center of track;
90 ft W. of center of Highway 78 at I-rd. E.; standard tablet stamped "PRIM TRAV STA NO 5 W 1921 TENN"

X = 970,004 Y = 715,671 36 18 29.23 89 28 33.31

Ridgely, 0.5 mi N. of; 150 ft E. of RR.; 75 ft E. of church; 10 ft N. of fence corner; inside of wire fence;
on land owned by Mrs. Mary Harris; in concrete post; standard tablet stamped "PRIM TRAV STA NO 6 W 1921 TENN"
(Not found, 1963)

X = 972,529 Y = 702,465 36 16 17.49 89 29 10.00

Tiptonville, 8.0 mi SW. of; 1.0 mi E. of Williams Ferry; 50 ft N. and 20 ft E. of I-rd. E. leading up bluff locally
known as Webbs Stone Hill; on iron post; standard cap stamped "PRIM TRAV STA NO 10 W 1921 TENN"

X = 1,005,459 Y = 721,925 36 19 41.23 89 22 36.30

OBSOLETE MARKS (Cont'd.)

Samburg, 0.5 mi NE. of, along Union City Road, near top of bluff; in yard of Chigger Ridge School; 177 ft from NE. corner of school; 132 ft SE. of pump; on iron post; standard cap stamped "PRIM TRAV STA NO 11 W 1921 TENN"

Tenn.) X = 1,018,520 Y = 742,866 36 23 12.62 89 20 05.50

Samburg, 4.5 mi E. of; 0.75 mi E. of store of Sam Shaw; 300 ft E. of residence of J. A. Wiley; 15 ft S. of I-rd. N.; on iron post; standard cap stamped "PRIM TRAV STA NO 12 W 1921 TENN" (Not found, 1963)

X = 1,033,576 Y = 745,097 36 23 39.70 89 17 02.39

Protemus, 1.0 mi S. of; 800 ft E. of Liberty Church; 18 ft W. and 10 ft S. of I-rd. N.; on iron post; standard cap stamped "PRIM TRAV STA NO 15 W 1921 TENN" (Not found, 1963)

X = 1,042,945 Y = 743,121 36 23 23.27 89 15 07.06

Ridgely, 3.0 mi E. of; about 0.5 mi W. of Stones Ferry; 40 ft S. of forks, on iron post; standard cap stamped "PRIM TRAV STA NO 7 W 1921 TENN" (Not found, 1963)

X = 987,940 Y = 703,440 36 16 32.52 89 26 02.34

Minnick, 0.25 mi E. of post office; 15 ft N. and 15 ft W. of I-rd. S.; at cemetery; on iron post; standard cap stamped "PRIM TRAV STA NO 8 W 1921 TENN" (Reported destroyed, 1963)

X = 1,007,938 Y = 700,018 36 16 05.57 89 21 56.82

Elbridge, 1.0 mi NE. of; 60 ft E. of Clover Creek Bridge; 40 ft E. and 20 ft N. of I-rd. N.; inside wire fence; on iron post; standard cap stamped "PRIM TRAV STA NO 9 W 1921 TENN" (Not found, 1963)

X = 1,025,842 Y = 698,188 36 15 53.51 89 18 17.56

Hickman, 12.0 mi S. of; 60 ft N. of iron bridge over South Reelfoot Creek; 20 ft N. of I-rd. S.; 2 ft S. of S. fence of farm of Henry Howard; on iron post; standard cap stamped "PRIM TRAV STA NO 13 W 1921 TENN" (Reported destroyed, 1963)

X = 1,041,427 Y = 761,111 36 26 20.57 89 15 32.94

Slough Landing, 1.5 mi above landing, on left bank of Mississippi River; 0.38 mi from river bank back of towhead, in borrow pit in front of levee; 0.26 mi above levee milestone 21 at end of levee; 207 ft below white house just inside of levee; 105 ft from center of levee; blazed trees; Tennessee triangulation station disk of Mississippi River Commission not stamped

X = 989,940 Y = 766,563 36 26 57.05 89 26 04.98

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Phillippy, 0.5 mi W. of, along Hickman-Tiptonville Road; 35 ft N. and 30 ft E. of T-rd. E.; on iron post; standard cap stamped "PRIM TRAV STA NO 16 W 1921 TENN" (Not found, 1963)

Tenn.) X = 1,003,035 Y = 777,571 36 28 50.34 89 23 29.46

Bessie, on E. side of rd.; 300 ft S. of gin; 40 ft S. of store; 3 ft from wire fence; on opposite side of rd. from store; in concrete post; standard tablet stamped "PRIM TRAV STA NO 1 W 1921 TENN" (Reported destroyed, 1963)

X = 971,374 Y = 780,675 36 29 09.99 89 29 58.24

By C. W. Haas, 1951; Book AH 218

Gratio, in village of; about 800 ft N. of Fred Burton's Grocery Store; about 150 ft NE. of frame house; 20 ft E. of center of rd.; 2 ft E. of edge of bank; in concrete post projecting 1 ft; WPA standard disk stamped "66-22-4"

X = 990,804 Y = 698,184 36 15 41.56 89 25 25.13

Gratio, 1.5 mi W. of, along Ridgely Road; 1.5 mi E. of Ridgely from State Highway 78, on lawn of house owned by Mrs. Jesse Riley and rented by Dick Bass; 36 ft S. and 36 ft E. of intersection of crossroads; 46 ft NW. of NE. corner of porch; 20 ft NE. of 9-in. white mulberry tree; 19 ft ESE. of 8-in. maple tree; 4 ft N. of rose bush; in top of concrete post flush with ground; standard tablet stamped "TI 1 CWH 1951"

X = 982,846 Y = 698,862 36 15 45.50 89 27 02.54

Ridgely, about 63 ft N. of I.C. RR. station; about 45 ft E. of center of main track; about 33 ft N. of center of pavement, on iron pipe; USED standard disk stamped "A 37.15-1"

X = 971,048 Y = 699,641 36 15 49.06 89 29 26.84

Gratio, 2.1 mi NE. of, along Minnick Road; 2.5 mi W. of Minnick, on property of Mr. E. M. Kuykendall; 27 ft SW. of Mr. Kuykendall's house; 60 ft N. of center of rd.; 14 ft S. of 11-in. pecan tree; 6 ft W. of garden fence; in concrete post projecting 10-in.; WPA standard disk stamped "66-20-1"

X = 997,468 Y = 702,341 36 16 24.94 89 24 05.58

Minnick, 1.8 mi W. of, along Gratio Road, in pasture; 81 ft S. and 141 ft E. of rd. at fence S.; in top of concrete post projecting 1 ft; WPA standard disk stamped "66-20-3" (Reported destroyed, 1963)

X = 1,000,856 Y = 702,686 36 16 29.52 89 23 24.37

STATION	DESCRIPTION	LATITUDE	LONGITUDE
PLANE COORDINATES, FEET		° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

Minnick, in village of; inside garage of J. R. James, across from cemetery; 5 ft from each side of garage; 4 ft from rear wall of garage; in top of iron concrete filled pipe; USED standard disk stamped "S-7-3"

Tenn.)	X = 1,007,940	Y = 700,004	36 16 05.43	89 21 56.79
--------	---------------	-------------	-------------	-------------

Minnick, 0.4 mi E. of; about 300 ft N. of rd. fork; 10 ft E. of center of N.-S. rd.; 1 ft E. of fence; in concrete post projecting 15 in.; WPA standard disk stamped "66-20-9"

	X = 1,009,612	Y = 700,285	36 16 08.77	89 21 36.50
--	---------------	-------------	-------------	-------------

Minnick, 1.8 mi E. of; 1.6 mi W. of Elbridge, in frontyard of Mr. L. M. Harris; 31 ft S. of center of rd.; 30 ft NE. of NE. corner of house; 14 ft E. of 3-in. cedar tree; 7 ft W. of fence; in concrete post; standard tablet stamped "TT 14 CWH 1951" (NOTE: To be tied by NGS Triangulation) (Reported destroyed, 1964)

	X = 1,015,315	Y = 700,342	36 16 11.27	89 20 26.92
--	---------------	-------------	-------------	-------------

Elbridge, 1.2 mi W. of; 48 ft NNW. of center of rd.; 9 ft NW. of 12-in. walnut tree; 0.5 ft W. of fence; in concrete post; WPA standard disk stamped "66-20-13" (USGS position)

	X = 1,017,075	Y = 700,535	36 16 13.77	89 20 05.52
--	---------------	-------------	-------------	-------------

Elbridge, in village of, at N. edge of, at N. edge of cemetery across from M. E. Church; 23 ft SW. of center of rd.; N. of Mr. L. N. Walker's Tombstone; in concrete post; WPA standard disk stamped "66-22-31"

	X = 1,020,151	Y = 697,242	36 15 42.26	89 19 26.61
--	---------------	-------------	-------------	-------------

Elbridge, in village of; 33 ft SW. of SW. corner of M. E. Church; 15 ft NE. of center of rd.; USED standard cap stamped "S-7-2"

	X = 1,020,228	Y = 697,210	36 15 41.97	89 19 25.66
--	---------------	-------------	-------------	-------------

Elbridge, 2.5 mi NE. of; on top of hill on Mr. Bird's farm; about 375 ft W. of Mr. Bird's driveway; about 700 ft S. of Mr. Bird's house; 20 ft N. of center of rd.; in concrete post; WPA standard disk stamped "66-21-3" (Reported destroyed, 1963)

	X = 1,032,988	Y = 697,004	36 15 44.18	89 16 49.86
--	---------------	-------------	-------------	-------------

Elbridge, 2.9 mi E. of, on dirt lane; about 240 ft N. of asphalt, on Mr. Lue Evert's farm; and 200 ft from telephone pole No. 14 S. of station; in concrete post; WPA standard disk stamped "66-21-4"

	X = 1,035,405	Y = 697,504	36 15 49.93	89 16 20.56
--	---------------	-------------	-------------	-------------

188 TENN.-5 MO.-1 KY.
REELFOOT LAKE QUADRANGLE

36-089-24
7

STATION DESCRIPTION
 PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Glass, in village of; 185 ft W. of junction of Glass-Obion Road and dirt rd. N.; 143 ft SE. of SE. corner of church of Christ; 31 ft SW. of SW. corner of house; 30 ft N. and 28 ft E. of center of rd. at driveway N. to church; 11 ft W. of telephone pole 855, in concrete post; USED standard disk stamped "A37-16-3"

Tenn.) X = 1,040,860 Y = 697,619 36 15 52.87 89 15 14.04

THIRD- ORDER ELECTRONIC TRAVERSE

Final adjustment of 1977

LINE 1.

By J. F. Strange, 1963; Book CH 1652

1. NGS standard triangulation station disk stamped "CATES 1959"

X = 994,157.80 Y = 761,594.35 36 26 09.396 89 25 11.259

4A. Bessie General Store, about 0.25 mi SE. of; in Kentucky Bend of Mississippi River; about 0.8 mi S. of Tenn.-Ky. boundary; about 300 ft W. of right bank of river (looking upstream); 305 ft N. of sharp angle point in large levee, at bottom of W. slope of levee; 283 ft N. of fence corner; 6 ft E. of fence; on iron pipe projecting 14 in.; USED standard disk stamped "BM 4/5 1939" (USGS position)

X = 972,596 Y = 780,725 36 29 10.92 89 29 43.31